



IN THE UNITED STATES  
PATENT AND TRADEMARK OFFICE

APPLICANT(S): Eunjoo Hwang, JongSang Choi, Deog-Kyoon Jeong  
APPLICATION NO.: 09/759,624  
FILING DATE: January 12, 2001  
TITLE: Baud-Rate Timing Recovery  
EXAMINER: Not Yet Known  
GROUP ART UNIT: 2631  
ATTY. DKT. NO.: 19570-04683

#14

## CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner For Patents, Washington, D.C. 20231, on the date shown below:

Dated:

April 26, 2001

By:

C. Eric Schulman, Reg. No.: 43,350

COMMISSIONER FOR PATENTS  
WASHINGTON, DC. 20231

INFORMATION DISCLOSURE STATEMENT  
Under 37 CFR §§ 1.56 and 1.97-98

SIR:

Pursuant to the provisions of 37 CFR §§ 1.56 and 1.97-98, enclosed herewith is modified form PTO-1449 listing references for consideration by the Examiner. A copy is enclosed herewith of each listed reference which may be material to the examination of this application, and with respect to which there may be a duty to disclose.

The filing of this Information Disclosure Statement shall not be construed as a representation regarding the completeness of the list of references, or that inclusion of a reference in this list is an admission that it is prior art or is pertinent to this application, or that a search has been made, or as an admission that the information listed is, or may be considered to be, material to patentability, or that no other material information exists, and shall not be construed as an admission against interest in any manner.



This application relies, under 35 U.S.C. § 120, on the earlier filing date of prior application Serial No. [SERIAL NUMBER], filed on [FILING DATE], and the

references cited therein are hereby referenced, but are not required to be provided in this application under 37 CFR § 1.98(d).

The Information Disclosure Statement submitted herewith is being filed:

- ☒ within three months of the filing date of the application, or date of entry into the national stage of an international application, or before the mailing date of a first official action on the merits, whichever event last occurred; OR
- ☐ before the mailing of a first official action after the filing of a request for continued examination (RCE) under 37 CFR § 1.114;
- ☐ after three months of the filing date of this national application or the date of entry of the national stage in an international application, or after the mailing date of the first official action on the merits, whichever event last occurred, but before the mailing date of the first to occur of either:
  - (1) a final action under 37 CFR § 1.113; OR
  - (2) a notice of allowance under 37 CFR § 1.311; AND
  - ☐ attached hereto is the fee of \$180, as set forth under 37 CFR § 1.17(p), for submission of this Information Disclosure Statement under 37 CFR § 1.97(c); OR
  - ☐ Applicant certifies pursuant to 37 CFR § 1.97(e) that:
    - ☐ each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Statement; OR
    - ☐ no item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the person signing this certification after making reasonable inquiry, was known to any individual designated under 37 CFR § 1.56(c) more than three months prior to the filing of this Statement.
- OR
- ☐ before the payment of the issue fee but after the mailing date of the first to occur of either:
  - [1] a final action under 37 CFR § 1.113; OR

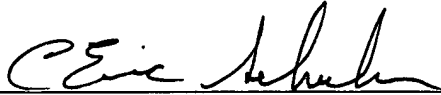
- [2] a notice of allowance under 37 CFR § 1.311; AND  
in accordance with the requirements of 37 CFR § 1.97(d):
- ☐ Applicant certifies pursuant to 37 CFR. § 1.97(e) that:
- ☐ each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Statement; OR
- ☐ no item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the person signing this certification after making reasonable inquiry, was known to any individual designated under 37 CFR § 1.56(c) more than three months prior to the filing of this Statement; AND
- ☐ Applicant hereby respectfully petitions for the consideration of the accompanying Information Disclosure Statement under 37 CFR § 1.97(d)(2); AND
- ☐ Applicant submits the petition fee of \$180 as set forth in 37 CFR § 1.17(p).

☒ Applicant submits that no fee is required for the consideration of the accompanying Information Disclosure Statement.

Consideration of the listed references and favorable action are solicited.

Respectfully submitted,  
EUNJOO HWANG, JONGSANG CHOI,  
DEOG-KYOON JEONG

Dated: Apr. 26, 2001

By:   
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2631

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PTO/SB/21 (modified)  
Approved for use through xx/xx/xx, OMB 0551-0031  
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

<b>TRANSMITTAL FORM</b> <i>(to be used for all correspondence during pendency of filed application)</i>	Application Number	09/759,624	
	Filing Date	January 12, 2001	
	First Named Inventor	Eunjoo Hwang	
	Group Art Unit Number	2631	
	Examiner Name	Not Yet Known	
Total Number of Pages in This Submission	9**	Attorney Docket Number	19570-04683

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ENCLOSURES (check all that apply)	
<input checked="" type="checkbox"/> Fee Transmittal Form (in duplicate) <input type="checkbox"/> Check Enclosed	<input type="checkbox"/> Issue Fee Transmittal
<input checked="" type="checkbox"/> Return Receipt Postcard	<input type="checkbox"/> Letter to Chief Draftsperson
<input type="checkbox"/> Response to Notice to File Missing Parts	<input type="checkbox"/> Formal Drawing(s): [ ] Sheet(s) of Figure(s) [ ]
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<input type="checkbox"/> Declaration	<input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
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<input type="checkbox"/> Application Data Sheet	<input type="checkbox"/> After Allowance Communication to Group
<input checked="" type="checkbox"/> Information Disclosure Statement & PTO-1449 <input checked="" type="checkbox"/> Copies of IDS Cited References	<input type="checkbox"/>
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**REMARKS:** \*\* "Total Number of Pages in this Transmission" does not include cited references.

SIGNATURE OF ATTORNEY OR AGENT		
Signature:		
Attorney/Reg. No.:	C. Eric Schulman/Reg. No. 43,350	Dated: Apr. 26, 2001

CERTIFICATE OF MAILING		
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Signature:		
Typed or Printed Name:	C. Eric Schulman	Dated: Apr. 26, 2001
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 Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

0002/PTO(modified)

Rev. 10/2000

U.S. Department of Commerce  
 Patent and Trademark Office

## FEE TRANSMITTAL

## TOTAL AMOUNT OF PAYMENT

Subtotal (1) + Subtotal (2) + Subtotal (3) = (\$).00

Complete if Known

Application Number 09/759,624  
 Filing Date January 12, 2001  
 First Named Inventor Eunjo Hwang  
 Group Art Unit 2631  
 Examiner Name Not Yet Known  
 Attorney Docket Number 19570-04683

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## METHOD OF PAYMENT

## FEE CALCULATION (continued)

## 1. The Commissioner is hereby authorized to:

- ☐ Charge the indicated fees to the below mentioned deposit account.
- ☒ Charge any additional fee required under 37 CFR 1.16 - 1.21 or credit any over payments to the below mentioned deposit account. <sup>1</sup>
- ☐ Applicant claims small entity status See 37 CFR 1.27

Deposit Account Number: 19-2555

Deposit Account Name: FENWICK &amp; WEST LLP

A Duplicate Copy of this authorization is attached

2. ☐ Payment Enclosed:☐ Check ☐ Credit Card ☐ Other

## FEE CALCULATION (fees effective 10/01/2000)

## 1. FILING FEE

Large Entity Fee Code/Fee	Small Entity Fee Code/Fee	Fee Description	Fee Due
101/\$710	201/\$355	Utility Filing	
106/\$320	206/\$160	Design Filing	
108/\$710	208/\$355	Reissue	
114/\$150	214/\$75	Provisional Filing	
SUBTOTAL (1)			(\$).00

## 2. CLAIMS

Large Entity Fee Code/Fee	Small Entity Fee Code/Fee	Fee Description
103/\$18	203/\$9	Claims in excess of 20
102/\$80	202/\$40	Independent claims in excess of 3
104/\$270	204/\$135	Multiple dependent claim
109/\$80	209/\$40	Reissue independent claims over original patent
110/\$18	210/\$9	Reissue claims in excess of 20 and over original patent

## 3. ADDITIONAL FEES

Large Entity Fee Code/Fee	Small Entity Fee Code/Fee	Fee Description	Fee Due
105/\$130	205/\$65	Surcharge - late filing fee or oath	
127/\$50	227/\$25	Surcharge-late provisional filing fee or cover sheet	
147/\$2,520	147/\$2,520	For filing a request for reexamination	
115/\$110	215/\$55	Extension for response within first month <sup>1</sup>	
116/\$390	216/\$195	Extension for response within second month <sup>1</sup>	
117/\$890	217/\$445	Extension for response within third month <sup>1</sup>	
118/\$1,390	218/\$695	Extension for response within fourth month <sup>1</sup>	
128/\$1,890	228/\$945	Extension for response within fifth month <sup>1</sup>	
119/\$310	219/\$155	Notice of Appeal	
141/\$1,240	241/\$620	Petition to revive unintentionally abandoned application	
142/\$1,240	242/\$620	Utility Issue Fee (Or Reissue)	
143/\$440	243/\$220	Design Issue Fee	
122/\$130	122/\$130	Petitions to the Commissioner	
126/\$180	126/\$180	Submission of Information Disclosure Statement	
179/\$710	279/\$355	Request for Continued Examination (RCE)	
581/\$40	581/\$40	Recording each patent assignment per property (times number of properties)	
146/\$710	246/\$355	Filing a submission after final rejection (37 CFR 1.129(a))	
149/\$710	249/\$355	For each additional invention to be examined (37 CFR 1.129(b))	
Other fee (specify):			
Other fee (specify):			
SUBTOTAL (3)			(\$).00

(Col. 1)		(Col. 2)		(Col. 3)		Fee	Fee Due
For	No. of Existing Claims	minus*	Highest No. Previously Paid For	=	Extra**		
TOTAL		minus*	20 or 0	=	x		
INDEP		minus*	3 or 0	=	x		
[ ] First presentation of multiple dependent claim							

\* Subtract the greater number of Col. 2

\*\* If the difference between Col. 1 and Col. 2 is less than zero, then enter "0" in Col. 3

SUBTOTAL (2) (\$).00

## SUBMITTED BY

Typed or Printed Name C. Eric Schulman

Signature

C. Eric Schulman

## Complete (if applicable)

Reg. Number 43,350

Date

Apr 26, 2001

<sup>1</sup> Request for Extension of Time per 37 CFR 1.136 (a)(3) made hereby